



CHIEF MOURNERS AT THE BIER OF "THE GOOF BALL," accident-scarecrow of Electrical Maintenance, are Naomi Hart and General Foreman Clyde Dalton. "Last rites" were held last week.

Unloved, Unwanted 'Goof Ball' Completes Mission In Y-12 Electrical Maintenance

Unloved and unwanted—but having completed its mission in the Electrical Maintenance Department—is "The Goof Ball." As a symbol of tendency toward accidents, disabling or minor, "The Goof Ball" was shunted from group to group of the department with the poorest accident record.

After several months of circulating here and there in the department—"The Goof Ball" was believed to have completed his—or it's—mission last week as the number of mishaps in Electrical Maintenance showed an appreciable decrease.

So the creature was suitably laid in a coffin-like wooden box and "mourners" paid their last respects—hoping that such a reminder of the importance of maintaining not only a good safety record for the sake of the figures as well as for the sake of the continued good health and well-being of all Electrical Maintenance employees will not be needed in the future.

The only "resurrection" for "The Goof Ball" would come if "somebody goofed" and created a string of accidents, according to General Foreman Clyde Dalton.

Civil Engineers Will Hear Planning Commission Aide

The Oak Ridge Section of the American Society of Civil Engineers will meet at 8 o'clock tomorrow night, Thursday, January 15, in the Blue Room of the Ridge Recreation Hall. Guest speaker will be V. R. Stuebing, Jr., consultant for the Oak Ridge Planning Commission. A discussion period will follow the talk and all Y-12ers interested in the work of the commission are invited to attend the meeting.

1959 Is Safely Started In Y-12; Fine Mark Seen

Another UCC Safety Period Unofficially Established In Plant

Safety conscious Union Carbide Nuclear Company employees in the Y-12 Plant Area started out the New Year in fine style—unofficially completing another Union Carbide Corporation Safety Period of more than 1,500,000 hours of plant operations without a disabling injury. This mark was reached on Sunday night, January 4, when the accident-free period reached 52 days with 1,511,792 man-hours of work registered without a lost time accident.

Period Started November 14

This 24th UCC Safety Period started back on November 14 of last year—and was still intact at press time of The Bulletin this week. However, the period does not become official on the UCC records until a 20-day waiting period elapses to determine if there are any pending accident cases originating during the period that might prove disabling.

With such a good start, all UCNC employees in the Y-12 Plant Area are hopeful of setting up another fine safety record for this year. A target for the present period should be to top the record-breaking 22nd UCC Period of 5,394,077 hours of operations without a disabling injury that started December 17, 1957 and continued through June 3, 1958. Another long string of accident-free hours was established for the 23rd Period of 3,159,526 hours extending from June 25 through September 30.

1958 One Of Best

Although Safety Department statisticians had not completed official figures for 1958 last week, it appeared certain that last year was one of the best—if not the best—ever enjoyed in the Y-12 Plant since Carbide took over operations here in 1947. Unofficially there were only 13 disabling injuries recorded during the year—and those included the eight radiation exposure cases of last spring. There were 14 lost time mishaps recorded during 1957.

CONTAINERS MEASURED

Now there's a nuclear device that "sees" inside closed containers and accurately measures the level of their contents. Nuclear Corporation says the device can gauge up to 1,000 containers a minute passing through it on a conveyor belt. The nuclear beams report whether the containers are filled to specification or have too much or too little inside.

SPECIAL LUNCHES ENTREES TO INCLUDE TWO TREATS

Patrons of the 50-cent Special Lunches at the Y-12 Cafeteria tomorrow, Thursday, January 15, and next Tuesday, January 20, are to get real treats in their main dishes. Chicken a la king will be the entree on the Special Lunch tomorrow while on next Tuesday, roast beef hash will be served. Each Special Lunch also includes one vegetable, choice of salad or dessert and rolls and butter.

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
59 Days Or
1,727,000 Man-Hours
(Unofficial Estimate)
Without A Disabling
Injury
Through January 11
Phone 7755
For Daily Report
On Accident-Free Hours

SS Tax And Benefits Both Are Increased

Earnings Up To \$4,800 Now Subject To Levy

With the first paychecks of the New Year, the nation's workers will begin to pay more for their social security protection. The increase amounts to 25 cents more on each \$100 of earnings.

For the first time, annual earnings of up to \$4,800 will be subject to the social security tax and credited toward social security benefits. Until now, only the first \$4,200 of earnings in a year has been taxed and counted toward the amount of benefits payable to a worker or his family.

Company Matches Assessment

Y-12ers are among the 75,000,000 Americans whose work is covered by social security, who will begin this month to pay a social security tax of two and one-half per cent on the first \$4,800 of earnings. The Company will match this tax with an equal amount out of its own pocket.

The tax in 1958 was two and one-quarter per cent for the employee and for the employer on wages up to \$4,200. The new tax rate applies to wages paid in 1959, even if the wages are paid for work done in 1958.

Benefits Up Seven Per Cent

The New Year will also bring increased benefit checks to the 2,500,000 men, women and children now receiving monthly old-age, survivors, or disability insurance benefits. Effective with the checks delivered early in February, retired workers will get an increase of about seven per cent—some slightly more, some slightly less.

Retired workers' payments now range from \$30 (except for women who retired when they were between 62 and 65) to \$108.50. Beginning with benefit payments for the month of January, the minimum retirement payment for those now on the benefit rolls will be raised from \$30 to \$33, and the maximum will be \$116. For those who become eligible for benefits in the future, payments may be as high as \$127 (as a result of counting earnings of up to \$4,800 in years after 1958).

Some May Not Get Limit

Payments to those receiving benefits as dependents and survivors will also be increased by about seven per cent effective with the checks mailed out in February. But where several members of one family are getting payments, each person may not get a full seven percent increase in his individual benefit amount.

The maximum payment to a family group, until now limited to \$200, may now be as high as \$254.

Big Attendance Is Predicted At Credit Union

Election, Dividend Setting Tops Slate At Ridge Hall Meet

A record attendance is expected at the annual membership of the Y-12 Employees Credit Union tomorrow night, Thursday, January 15. The meeting is set for 7:30 o'clock in the Green Room of the Ridge Recreation Hall.

Board Elects Officers

This is the only full membership meeting held during the year by share holders in the Credit Union. They face the important task of electing members of the board of directors and also members on the credit and supervisory committees. Another important item of business to be handled is the declaration of a dividend for the year 1958.

The new board of directors elects Credit Union officers for the year.

The dividend declared last year was five per cent, the highest in the history of the organization.

May Nominate From Floor

A nominating committee headed by J. Clyde Bowles, of Mechanical Inspection, has prepared a slate of candidates for the vacancies to be filled. Of course, nominations will be received from the floor from any member.

On the board of directors hold-over members with one more year to serve are Mrs. Lorena Causey, treasurer; C. V. Ketron, Oak Ridge National Laboratory employee in the Y-12 Plant Area and president of the group; and H. R. Gwinn, Special Testing. The nominating committee has proposed election for two-year terms of J. P. Blakeley, ORNL man in Y-12 and now secretary of the Credit Union; W. R. McGill, Y-12 Fire Department and vice president; John Perry, Development Operations; and T. J. Stephens, Plant Records.

W. E. Davis, Security, is the lone holdover on the credit committee. Nominated for the vacancies are A. E. Sands, Chemical; E. G. Richardson, Maintenance Planning; W. C. Moisson, Project Engineering; C. E. Harris, Research Services; and Paul Griffin, ORNL.

On the supervisory committee, C. M. West, Health Physics, is the holdover member. Nominated for vacancies are E. E. Goode, Cashier and Travel Office; and A. L. Conte, Project Engineering.

More Than 60 Y-12ers Ask For Educational Benefits

About 60 eligible Y-12ers have applied for benefits under the Union Carbide Nuclear Company Educational Assistance Plan for courses in the Winter Quarter at the University of Tennessee or the Oak Ridge Adult Educational Program. A few more have qualified for correspondence school courses.

Y-12ers considering asking for enrollment in appropriate courses under the Educational Assistance Plan are reminded that Friday, January 23, is the deadline for filing applications. Ralph Pearson, Training Department, Bldg. 9704-2, plant phone 7751, will be glad to give information on benefits of the plan and eligible courses to interested Y-12ers.

Y-12ers Urged To Adopt Code Of Road For Year 1959

Y-12ers will have a much better chance of staying alive this year if they resolve to make courtesy their code of the road for 1959. Such resolutions should include:

- Share the road by driving in the proper lane.
- Allow ample clearance while passing.
- Yield the right of way to other drivers and pedestrians.
- Give proper signals for turns and stops.
- Dim headlights when meeting or passing vehicles.
- Adjust driving conditions to road, traffic and weather conditions.

The Bulletin

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NUCLEAR COMPANY
Division Of
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GEORGE W. DOBBS . . . Editor

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Dr. H. C. Campbell Will Address Welders AWS Dinner Meet Set Tuesday In Knoxville

Dr. Hallock C. Campbell, director of research for the Arco Corp., Philadelphia, Pa., will be guest speaker at a meeting of the Northeast Tennessee Section of the American Welding Society next Tuesday night, January 20. The affair will be a dinner meeting at Regas Restaurant, Knoxville, with

Dr. Campbell

a social hour at 6:30 p.m. preceding the dinner to be served at 7:30 p.m.

In his talk Dr. Hallock will discuss submerged arc welding of stainless steels, including the usage of filler metals, fluxes and welding procedures, notably single wire versus series-arc and groove welds versus overlay welds. The control of weld properties will be given major attention along with the various problems encountered in this process of welding.

Dr. Campbell received his B.S. Degree at Hamilton College in 1932 and his Ph.D. at Harvard University in 1936. Before joining Arco in 1943 he was a teacher of chemistry at Queens College, Flushing, L. I., N.Y. Since joining Arco his work in the research department have been in the fields of underwater arc-oxygen cutting, oxy-arc cutting, elimination of cracking in stainless weld deposits and other phases of welding.



Get well wishes are extended the following Y-12 employees who were patients in the Oak Ridge Hospital last week:

G. W. Holcomb, P. D. Wirey, D. W. Garland and J. A. Massengill, General Machine Shop; J. W. Lawrence, Research Services; D. W. Murrah and J. L. Ailey, Alpha Five; J. V. Ledbetter and J. C. Mitchell, Guard; C. C. Parsons, Mechanical Maintenance; L. M. Gibson, Buildings and Grounds; N. M. Goodman, Production Assay; L. C. Manley, Janitors.

BEING CAREFUL IS
NOT OLD FASHIONED.....
IT'S

SMART!



Maybe the crop of corn for this space froze up somewhat during the cool first days of the New Year—but with his pair of sharp scissors the Old Colyum Conductor with aid and assistance from faithful correspondents will struggle through it somehow to entertain and edify his patrons.

Let's get underway with—

TECHNICAL

Mechanical Engineering extends deepest sympathy to Clara Hickey and family — her father-in-law, G. R. Hickey, died January 6 in Rockwood . . . Meanwhile the crimson carpet of welcome was rolled out for S. K. Del Cour, a newcomer to the MEs, who resides over in Concord . . . Ronnie Miskell is hopeful that the frigid and damp weather of last week ceases and desists pronto — he is swinging the keys to a new retractable hardtop, and dares anyone to call it a "flip-top box" . . . The Leon Sealfs were recent week-end visitors at the home of her folks in Gadsden, Ala. . . Tommy Swindell is sporting one of those small calibre imported automobiles and says that it is a sure way to triumph (TR-3, that is) over the high price of gasoline.

Now here's a shaggy dog—or rabbit — story to break the monotony.

Two rabbits were being chased by a pair of foxes that were gaining on the bunnies just as they were able to dodge into a hollow log.

"What'll we do now?" said one rabbit as he looked out both ends of the log and saw foxes at each end.

"Let's stay here until we outnumber them," said the other.

INDUSTRIAL RELATIONS

News seems to be scarce down in the Home of the Blue and the Land of the Gray — but with fishin' time coming soon (they hope) things will come back to life . . . However, Guard Department Chief Miles H. Bradford, The Gray Ghost, broke back in the news in his wrangle with the town of Norris over that fancy fence he put up over there — seems the town didn't like the court decree saying the Chief had the right to build a fence around his lot and is planning to take further steps . . . Get well wishes are extended the Guards J. B. Quinn and J. T. Byrum and Fireman T. W. Ford — all on the ailing list.

Here's another shaggy quickie— Angry wife: "What insane notion ever possessed you to buy two elephants?"

Inebriated hubby: "The man wouldn't break up the pair."

MECHANICAL OPERATIONS

From Tool Grinding and Machine Maintenance comes word that C. G. Clifton is a "stay-at-home" vacationer . . . The department is most happy to learn that Mrs. W. A. Gray, mother-in-law of J. A. Marsh, is rapidly recovering from surgery in a Henderson, Ky., hospital. Several Y-12ers donated blood required for the operation and for this Marsh wants to express his deepest appreciation to K. D. Tucker, G. W. Howdyshell, H. A. Camp and Ralph Renfro . . . Get well wishes also go to the wife of W. E. Green . . . G. C. Lay is welcomed back after a lengthy illness and so is E. B. Murphy, who has had the miseries . . . Also welcomed back after temporary job assignments elsewhere are L. F. Otten and H. L. Ashmore and likewise to D. D. Keith from Z Area . . . The department extends sincere sympathy to F. V. Tilson, whose brother, the brother's wife, and her younger brother, all died in a recent accident in El Paso, Tex. General Machine Shop had a

lot of Shoppers return last week after holiday season vacations, including J. W. Cantrell, from Orlando, Fla.; T. H. Miller, Floyd Ludwig and Millard Maples from Knoxville; Chuck Bolyard from West Virginia; A. D. Hickey from Kingston; Sam Simmons from home in Oak Ridge and H. M. Russell from what is believed to be a spell of coal mining . . . Sympathy is extended Clyde McLeMore, whose father died January 5 in Knoxville . . . Likewise to Hugh Dicks, whose mother died in Altoona, Pa., during the Christmas season . . . Rapid recovery wishes go to a whole flock of sick folks — Joe McConnell, Charles Ramsey, Roy Luttrell, Prentice Wirey, F. R. Monroe, Tom Akers, J. Massengill, Bob Gouldy, Kenneth Emert, Woody Williams, G. W. Holcomb and D. W. Garland.

A young co-ed studying for a doctor's degree married a professor in the middle of her sophomore year.

"But honey," protested one of her friends, "I thought you came here to get your Ph. D?"

"So I did," was the reply, "but I didn't dream that I'd get him so soon."

SHIFT SUPERINTENDENTS AND UTILITIES

The Shift Superintendents crew sends rapid recovery wishes to the mother of Dan Rader, the SS, who is seriously ill . . . Superintendent Rader rushed to her bedside at Summersville, W. Va., last week . . . Condolences go to the family of Vic Defenderfer, D Shift Assistant Superintendent — Mrs. Defenderfer's mother died recently.

Then there was the Southern farmer who refused to accept a federal subsidy, saying:

"I, suh, will have no part of a U. S. Grant."

MAINTENANCE

Research Services extends sympathy to A. R. Shamblin, whose father-in-law died recently in Athens, Tenn. . . . Get well wishes are sent to the wife of S. A. McSpadden, ill in Ft. Sanders Presbyterian Hospital in Knoxville . . . Also to Ronnie Killion, son of E. Killion, who is ill with pneumonia . . . Likewise to L. C. Hargis and Ed Greeley, also on the sick list.

Mechanical Maintenance extends condolences to W. H. Aiken, whose wife died unexpectedly on Christmas Day . . . Also to F. E. Daniel, whose sister succumbed January 5 in Knoxville . . . Helen Sisson reports she finally got moved back home during her recent vacation . . . N. F. Bush is welcomed back after an illness . . . Get well wishes go out to a host of sick folks, including R. W. Miller, R. A. Cate, J. A. Hale, S. F. Sparks, J. F. Baker, A. C. Harrington and C. C. Parson.

Buildings and Grounds also has a battalion of ailing folks—so get well wishes go to C. M. Langley, W. E. Brandon, C. S. Munsey, J. W. Raines, J. C. Howard, J. J. Bingham, L. M. Gibson, J. A. Burns, R. Harris, G. N. Dial, H. R. Dyer and J. Morgan.

From the Laundry Department rapid recovery wishes go to E. A. Stott and M. H. Fields.

CHEMICAL

Product Processing sends its deepest sympathy to W. E. Wampler, whose grandmother died recently . . . Get well wishes are sent to Maude Whaley and likewise to the wife of Frank Thurman.

The best way to remember your wife's birthday is to forget it once. (You said it, brother.)

FINANCE AND MATERIALS
Corum Scott, Materials, is back



Miss Janice Fain

Daughter Of Y-12er Named Miss F.H.A. At Karns School

An attractive daughter of a Y-12er has been honored by selection as "Miss F.H.A." at Karns High School by the Future Homemakers of America group of that school. Her parents are B. L. Fain, of the Y-12 Utilities Department, and Mrs. Fain, who live on Route 5, Lenoir City.

Miss Fain is a senior at Karns High School and has completed three years of homemaking classes. She has received her Junior and Chapter Degrees in the instruction and is working on her State Degree.

Y-12ers With 15, 10 Years Company Service

Congratulations to the following Y-12 employees who will complete 15 and 10 years of Company Service within the next few days.

15 YEARS

Carl T. Pate, Janitors, January 14.

William F. McDougal, Alpha Five, January 15.

John L. Young, Jr., Electrical Maintenance, January 17.

William S. Wallace, Product Processing, January 17.

Lewis D. Carlton, Steam Plant, January 17.

Fred H. Marrow, Mechanical Maintenance, January 19.

Thomas A. Narcrosse, Property, January 19.

Walter Creekmore, Heavy Equipment Maintenance, January 20.

George W. Carter, General Machine Shop, January 20.

Vardy L. Peppers, Process Maintenance, January 20.

Rolly D. Beasley, Chemical, January 20.

10 YEARS

Jay Fred Burnett, General Machine Shop, January 17.

from a two-week vacation in Texas and Mexico — said he really lived it up down there.

In closing — here's one that particularly appealed to the CC.

Sightseers touring Southern battlefields in a bus listened stoically to the comments of their driver-guide . . . "Here a handful of our Southern boys routed 30,000 Yanks . . . Here one fine battalion from Georgia annihilated a corps of Northern troops . . . Here two brave Virginia boys captured an entire regiment of enemy troops."

Finally a woman with a New England accent asked: "Didn't the North win a single victory?"

"No ma'am," said the guide politely, "and they won't as long as I'm running this bus."

Well, that's one way to win a war.

Know when to button your lip.

BE SURE IT'S SAFE,
THEN GO AHEAD! — MAC

Metals Group To Hear Talk By Steel Man

Dr Queneau Speaker At January 21 Meeting

The Oak Ridge Chapter of the American Society for Metals will hold its monthly meeting at 8 p.m. next Wednesday, January 21, at the Knights of Columbus Hall, Jefferson Circle, Oak Ridge. A pre-meeting dinner will be held at the Charcoal Broiler Restaurant, Ark Bowling Lanes, at 6 p.m.

The speaker for the meeting will be Dr. Bernard R. Queneau, assistant manager of metallurgy, inspection and research for the Tennessee Coal and Iron Division of the United States Steel Corp., Fairfield, Ala. He will discuss the embrittlement of steels, with emphasis on the conditions of stress necessary to cause ductile metals to fail in a brittle manner. Loss in ductility with little change in other mechanical properties as the result of the precipitation of a phase from solid solution will also be covered. A more detailed account of tempered martensite brittleness in hardened steels, temper brittleness in low alloy steels, and the embrittlement of stainless steels will conclude the talk.

Queneau received B.S. and Met. E. degrees from Columbia University and a Ph.D. from the University of Minnesota. After two years with the United States Steel Corporation Research Laboratory in Kearny, N. J., he returned to Columbia as an assistant professor of metallurgy. In 1941 he was called into active duty with the United States Navy, and served as senior metallurgist at the Naval Proving Ground at Dahlgren, Va. He returned to industrial research in 1946 as chief development metallurgist for the South Works of United States Steel. After serving as chief metallurgist at the Dequesne Works, he was transferred to his present position in 1957.

Rides Wanted, Offered

Ride wanted from Oakwood section, North Knoxville, to Central Portal, straight day. Gerald North, plant phone 7378, home phone Knoxville 5-4203.

Ride wanted from Fairmount Boulevard section, Knoxville, to West Portal, straight day. D. H. Sideris, plant phone 7-8529, home phone Knoxville 4-7964.

Riders wanted from Norwood section to any portal, straight day. J. M. Coburn, plant phone 7974, home phone Knoxville MU 7-3216.

Ride wanted from 69 Outer Drive, Oak Ridge, to East Portal, straight day. Sue Tate, plant phone 7-8347, home phone Oak Ridge 5-3941.

Ride wanted from Cumberland Estates, Knox County to Bear Creek Portal, straight day. E. S. Jackson, plant phone 7-8402, home phone Knoxville 8-0971.

Ride wanted to University of Tennessee every Monday night, leaving Oak Ridge about 5:40 p.m. and Knoxville on return at 9:30 p.m. Ruth Cox, plant phone 7171, home phone Oak Ridge 5-1908.

Car pool members wanted from Rambling Acres or West Haven section, Knox County, to Central Portal, straight day. B. K. Coleman, plant phone 7454, home phone Knoxville 5-2712.

Ride wanted from Avondale Road, Knoxville, to North Portal, straight day. G. A. Kirk, plant phone 7500, home phone Knoxville 2-7573.

Ride wanted from Gaines Road Clairmont, Fountain City, to North or Central Portal, straight day. R. P. McCloud, plant phone 7356, home phone Knoxville, MY 1-3720.

Ride wanted from Chapman Highway section South Knoxville to North Portal, straight day. Michael Kennedy, plant phone 7216, home phone Knoxville 7-4791.



A COUPLE OF INTERESTING TEAMS IN THE C LEAGUE of Y-12 Plant bowlers are pictured above. At left is the Sunflower outfit. Standing from left are Bob Hagood, Bill Stephens, Joe Lawley, Ernie Collins, Red Halsey and Raymond Galford. C. L.



Stevens is seated at the scorer's table. Shown at the right are the T Squares. In the rear are E. L. Evans and J. G. O'Kain. In front are D. B. Allen, T. K. Bishop and R. C. Hopkins.

Y-12 Annual Fishing Contest Opens; Judging Of 1958 Entries Set Thursday

36 Fine Finny Specimens Are Competing For Handsome Awards To Plant Fishermen

The ever-popular Y-12 Annual Fishing Contest that has promoted friendly rivalry among plant anglers for the past several years has started out on another year. It is open to all Y-12 employees and the

Comets Top League; Reactors And Hawks Beaten By ORGDP

Although idle the first week of the New Year, the Comets of Y-12 maintained their lead in the UCNC Two-Plant Basketball League with a three won and none lost mark. With only three games played the action was featured by a 52 to 41 triumph by the Lab Demons, ORGDP, over the Y-12 Reactors. The ORGDP Pilot Plant quint turned back the Y-12 Hawks by 54 to 39 but were trimmed in turn by another ORGDP team, the All Stars, by 38 to 33.

Malcomb with 11 and Calvosie with 10 tallies led the Reactor scoring against the Demons, who were paced by McCall with 16. For the Hawks Prigdon's 22 points was high for the game and M. Wright came through with 10. Prigdon got 15 in the last half in a scoring duel with the Pilot Plant's Rogers who got 12 for the period and ended up with 17.

League standing follows:

Team	W	L
Comets	3	0
Reactors	3	1
Lab Demons	3	1
All Stars	3	2
D. Ramblers	1	2
Pilot Plant	1	3
Hawks	0	3

Kingston Jaycees Are Holding Shoots

Turkey shoots now are being held every Saturday from 10 a.m. to 2 p.m. by the Kingston Junior Chamber of Commerce and all Y-12ers are invited to compete. The shoots are held at Southwest Point on State Highway 58, just inside the Kingston city limits.

Each shoot will have 10 contestants firing shotguns at a distance of 40 yards. All contestants will use shells of the same size and powder charge, which will be available at the scene of the shoot.

Winners in each shoot will receive a turkey and efforts now are being made to have hams available for winners preferring them to turkeys.

The best way to kill time is to get busy and work it to death.

1959 contest will close at midnight, December 31, with all entries required to be submitted to the Recreation Department not later than January 15, 1960.

Meanwhile, the 1958 competition, although not producing as many entries as in the previous year, nevertheless resulted in some fine catches being recorded in the various species of fish eligible for awards. There were 36 entries submitted. They will be judged tomorrow, Thursday, January 15, by a committee composed of Evan Means, Research Services; Bill Davis, Security; and Avery Kendig, Salvage; all avid Y-12 anglers.

Prizes of useful outdoor sports equipment will be awarded the anglers with the largest fish in the eight classifications listed in the contest.

The species of fish eligible for entrance in the 1959 contest are largemouth, smallmouth and striped bass, walleye and sauger pike, crappie, blue gill-bream, rough-fish (catfish, drum and carp) and trout.

The 1959 contest will have the same rules and regulations as those of previous years. Entry blanks are available at the Recreation Office, Bldg. 9704-2, as well as from members of shift recreation committees. Y-12 fishermen are urged to lay in a supply so that an entry form will be on hand when a big 'un is landed.

Affidavit, Picture Important

It is important that every contestant see that the affidavit on the entry blank is properly filled out and signed. Also important is that a clear photograph of a side view of the fish be attached to the form.

Rules for the 1959 contest are simple. Fish must be caught on rod and line and played by only one person. The entries must be caught in the legal open season for each species. No fish caught in any hatchery or privately-owned waters not open to the public is eligible.

Fish entered in the contest must be caught in fresh water within the continental United States—as no salt water fish are eligible. Florida largemouth bass also are not eligible for the contest and only those trout caught in the state of Tennessee or the Great Smoky Mountains will be considered.

The number of awards in each



HERE ARE THE DRY HIDES, another strong competitor in the C League. From left are R. W. Cloyd, R. C. Waldrop, Dave Hansford, R. W. Phillips and A. B. Ballard.

Engineers Maintain Lead In C League

The Engineers maintained a good lead in the C League of Y-12 Plant bowlers in the last alley activities of the circuit by trimming the Knot Heads by three points. The Sunflowers and Goof Balls advanced to a tie for second place, both posting whitewash victories with Murderer's Row and the Wacos being the victims. The Daffodils lost ground by breaking even with the T Squares. The Chillers colled off B Shift for three points, and the Dry Hides treed the Alley Cats by the same margin.

The Chillers took all team scoring honors with an 888 scratch and 1039 handicap game, a 2490 scratch and 2943 handicap series. They were aided along by Loy's 563 scratch series for tops of the night. Moody, Alley Cats, posted a 228 scratch and 265 handicap game for tops and Waldrop, Dry Hides, came up with a 666 handicap series.

League standing follows:

Team	W	L
Engineers	21	3
Sunflowers	14	10
Goof Balls	14	10
Daffodils	13	11
Dry Hides	12	12
T Squares	12	12
Chillers	11	13
Alley Cats	11	13
Murderer's Row	10	14
Knot Heads	10	14
B Shift	10	14
Wacos	6	18

specie of fish will be governed by the number of fish entered. In other words, one prize will be offered for each three entries, not to exceed four awards in any one classification. No contestant will be awarded more than one prize.

In judging the fish will be rated first by weight, then length and girth, in that order. In case of two or more entries identical in size and measurement, identical prizes will be awarded.

Inspectors Post New Loop Marks

Five Records Set In Bush Circuit Play

The Inspectors broke records right and left in their most recent appearance in the Y-12 Bush League to jump from far down in the standings to a tie for second place, mopping up the Hi Balls by four points in the scramble. Meanwhile the Bees buzzed from third to first place in the loop with a similar win over the Bldg. 9212 keglers and the Balls O'Fire blanked the Nine Pins, tumbling the winners from the top rung and getting a deadlock for second place for the victors. Snfft chopped up the Alley Choppers for three points and the Lucky Five and Beavers drew at two points each.

The Inspectors put three new team marks and two individual records on the league books. The team swept all scoring honors with an 821 scratch game, boosted to 1063 with handicap, a 2345 scratch and 3045 handicap series—the last three scores being circuit highs for the season. After rolling a 205 scratch game for best individual score of the night, Wuest, of the Inspectors, bagged a 604 scratch and 706 handicap series, both series markers being high for the season. Teammate Cook had a 247 handicap game for tops of the night.

League standing follows:

Team	W	L
Bees	9	3
Inspectors	8	4
Balls O'Fire	8	4
Nine Pins	7	5
Beavers	7	5
Hi Balls	6	6
Bldg. 9212	4	8
Lucky Five	4	8
Snfft	4	8
Alley Choppers	3	9

Y-12 Rifle Team Victorious Again

The Y-12 rifle team added two more points to its victory column January 5 when the Oak Ridge Independents were unable to field a team in a scheduled Sportsmen's Association Rifle League match. The Y-12ers fired for record and came up with a fine 1287 scratch and 1437.254 handicap mark and still lead the league by a narrow margin over the rifleers of Oak Ridge National Laboratory.

Dave Dewalt and Carl Brewster tied for top Y-12 scratch honors with 273s, followed by W. B. Davis at 256. High handicap score for the night was posted by Dewalt with 290.356 with Brewster having 287.961 and G. R. Peterson 287.154.

Any Y-12er interested in rifle

Rippers Ramble To Top Of Classic

Sweep Score Book With Three-Point Triumph

Following the holiday layoff the Rippers took over a familiar spot for themselves at the top of the Classic Bowling League by routing the Screwballs for three points and taking all team scoring honors with a 946 scratch and 1050 handicap game, 2766 scratch and 3076 handicap series. Hubert Tripp helped the team along with a 612 scratch series.

Elsewhere along the line the Rebels blanked the All Stars for four points and in other three-point decisions it was the Sportsmen over the Bumpers, Markers over the Wasps, Smelters over the Cubs, the Has Beens over the Playboys and the Eight Balls over the Tigers. The Wolves and Swingsters broke even at two points each.

J. Coleman, Markers, had a 222 scratch game for tops and Charley Beckett, Swingsters, a 244 handicap game and 679 series.

League standing follows:

Team	W	L
Rippers	35	21
Wolves	33 1/2	22 1/2
Sportsmen	33 1/2	22 1/2
Markers	32	24
Bumpers	31	25
Smelters	31	25
Has Beens	30	26
Rebels	28	28
Wasps	27 1/2	28 1/2
Swingsters	27	29
Tigers	26	30
Screwballs	26	30
Cubs	23	33
All Stars	23	33
Eight Balls	22	34
Playboys	21 1/2	34 1/2

Mixed Loop Starts Year With Tie Lead

The Mixed League of Y-12 men and women bowlers started the New Year with a new period of play with the Scrappers and Phantoms starting the second half of the season with whitewash victories over the Rockets and ABCs. The Alley Cats treed the first half of the season winners, the Clippers, by three and the Nip and Tucks took the Pin Plasters by a similar score.

The two leading teams shared group scoring honors. The Alley Cats had the best game scores of 702 scratch and 869 handicap. The Scrappers posted 1863 and 2298 series scores. Tom Hillard, Scrappers, had the best men's score in series with 571 scratch and 643 handicap. Mary Scott, Alley Cats recorded 459 and 585 respectively. Lloyd Kohler, Alley Cats, had the top scratch game of 218, boosted to 262 with handicap. Emma Puckett's 216 handicap game for the Phantoms was tops on the distaff side. Nell McGinnis fired a 171 scratch game for the best women's score.

League standing follows:

Team	W	L
Scrappers	4	0
Phantoms	4	0
Alley Cats	3	1
Nip and Tucks	3	1
Pin Plasters	1	3
Clippers	1	3
Rockets	0	4
ABCs	0	4

target shooting is asked to communicate with Brewster at plant phone 7754 or the Recreation Office, Bldg. 9704-2, plant phone 7751. Rifles and targets are provided and all the individual needs to buy is ammunition, which may be purchased at the range.

Remember—Only you can

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Many Y-12ers Are Working In March Of Dimes Campaign

With many Y-12ers and members of their families taking an active part in the movement, the 1959 March of Dimes staged annually by the National Foundation is well underway in Oak Ridge. The campaign will be climaxed by the annual Mother's March door-to-door canvass on Friday, January 30, with hundreds of Oak Ridge women participating in the appeal for funds for the Foundation.

Y-12 Wife Heads "March"

Mrs. T. W. Robinson, wife of a Y-12er in Alpha Five, is chairman of the Mother's March project this year. Mrs. Jack Yaggi, whose husband is in Beta Two, is coffee chairman for the Mother's March.

The mother of five children, Mrs. Robinson knows the importance of the work of the National Foundation—not only in the field of infantile paralysis but also in the new fields of research into birth defects and arthritis that the Foundation will begin this year. The theme of the Mother's March this year will be "The Hand of Mercy" and will be symbolized by the white gloves worn by all the Marching Mothers.

More Victories Hoped For

The March of Dimes opens its 1959 campaign with the determination that its bold new program will lead toward even greater victories than those achieved against polio.

In communities all over the country a total of 2,000 volunteers are acquainting the public with the aims of the National Foundation's expanded health program. They move into the annual drive with the sure knowledge that they have a winning combination that spelled success over a major disease in the past. It was the partnership of laymen with physicians and research scientists that produced the Salk vaccine and rehabilitated thousands of victims.

Now, as Basil O'Connor, president of the National Foundation, recently said, "This team is ready to apply its unique formula for success to the solution of other perplexing diseases of mankind."

Polio Not Neglected

An immediate broad attack will be launched against arthritis and birth defects (congenital malformations), but spokesmen emphasized that as long as polio patients need care and rehabilitation the March of Dimes will provide it. In 1958, for example, about 50,000 polio victims received aid from the National Foundation which totaled approximately \$18,900,000.

Other funds raised during the 1959 drive will be used for a greatly enlarged research program. This activity is devoted to studies not only of arthritis, birth defects and polio, but of virus diseases and disorders of the central nervous system in general.



BIRTH DEFECTS

NEW target...NEW hope

JOIN THE MARCH OF DIMES

TOWARD GREATER VICTORIES

Accidental Deaths Decreased In 1958

Traffic Fatalities Drop 1,000 For Year

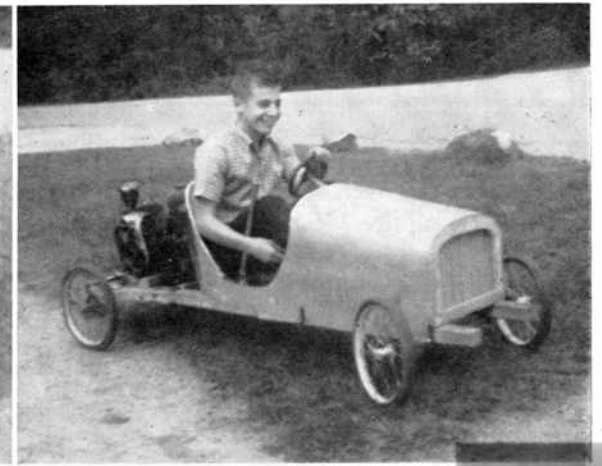
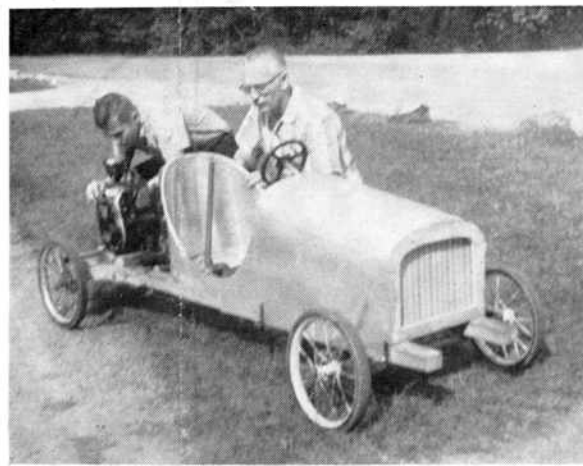
About 92,000 accidental deaths occurred in the United States during 1958, a reduction of about 3,000 from the toll in 1957 and the smallest number for any year since 1954, statisticians of the Metropolitan Life Insurance Company report. The accident death rate in 1958, estimated to be 53 per 100,000 population, established a new low record, decreasing from 56 per 100,000 in 1957.

Second Yearly Drop

The more favorable record for the year just ended reflects in part the reduction in motor vehicle fatalities. In 1958, for the second year in a row, the number of deaths from motor vehicle accidents decreased by about 1,000 to a total of a little more than 37,000.

"It appears likely from data available at this time that the death rate per 100 million passenger miles reached a new low level," the statisticians note. "Nevertheless, motor vehicle accidents in 1958, as in prior years, accounted for more than two-fifths of the total accident death rate."

Accidents in and about the home resulted in some 27,000 fatalities during 1958. Public accidents other than those involving motor vehicles were responsible for 17,000 deaths. Injuries sustained in mishaps arising out of and in the course of employment killed nearly 14,000; approximately 3,000 of these victims lost their lives in motor vehicle accidents, which number is also included in the total for motor vehicle mishaps.



A Y-12 FATHER AND SON HOT-ROD COMBINATION, SHOWN ABOVE, IS HARD TO BEAT. Frank Fuis, Mechanical Engineering; and his son, Gary, 14, are shown at left above tuning up their jointly-made jalopy for a spin around Norris. At right, Gary has the machine in tip-top running shape and is taking off for the ride.

Audubon Screen Tour Slated January 15

"Land Glaciers Forgot" Will Be Presented

The third in the current series of Audubon Screen Tours, sponsored by the Oak Ridge Conservation Club, will be presented at Jefferson Junior High School at 7:30 p.m. tomorrow, Thursday, January 15. This will be "The Land The Glaciers Forgot," shown in person by the Rev. Howard L. Orians, of Madison, Wis. The color film will show the wildlife and geology of a section of Wisconsin which was by-passed by the great glaciers of the Ice Age. The speaker will attempt to show the relation between geology and wildlife.

The film will show otters, badgers, prairie chickens booming in the early dawn, a young fox sunning in front of his den and many other wild creatures. The highlight of the film will be a bird bathing beauty contest to select the "Bird of Wisconsin." Naming the winner will climax the visit to the "Land the Glaciers Forgot."

The Rev. Mr. Orians is a past president and director of the Wisconsin Society of Ornithology and is superintendent of the Southern Wisconsin District of the Evangelical United Brethren Church. His brother, G. Harrison Orians, of Toledo, Ohio, opened the Audubon Screen Tour season in Oak Ridge last year with a film of the Great Smokies.

Hunters Stage Drive In Volleyball Loop

The Hunters of Y-12 swept three straight games from Process Engineering, ORGDP, in the UCNC Two-Plant Volleyball League as play was resumed after the holiday session. Scores were 15-9, 15-4 and 15-5. Meanwhile the ORGDP A Shift, unbeaten in league play so far, handed a similar defeat to the Y-12 Beavers, 15-7, 15-1 and 15-4. The Y-12 Hunters also picked up three points on the forfeit route from the C Shift team, also of Y-12. In another encounter the A Shifters smothered a fellow-ORGDP team, the MITs, 15-0, 15-1 and 15-6.

League standing follows:

Team	W	L
A Shift	9	0
Hunters	8	4
Eagles	7	2
MIT	4	5
Beavers	3	6
Process Engineering	3	6
Punks	1	5
C Shift	1	8

"POLYOX" UNIT FINISHED

Union Carbide Chemicals Company has completed the first commercial unit for producing "Polyox" water soluble resins at its South Charleston, W. Va., plant. The unit has a capacity of more than 1,000,000 pounds per year. Important markets for "Polyox" resins include textiles, adhesives, surface coatings, cosmetics, soap and detergents.

Fuis Pop And Son Team Bring Out Real 'Hot Rod'

There's a real "hot-rod" team in the father and son combination of Frank Fuis, of Mechanical Engineering, and his son, Gary, 14. They not only have a real father-son relationship family-wise, spiritually and socially — but both also are mechanically-minded.

Many Norris residents have visual evidence of this fine relationship — particularly when they see Gary driving the father and son built miniature automobile around the pleasant driveways of that city. Both Dad and son are rightfully proud of the pert little vehicle — as both of them collaborated in building the "hot-rod", as they call it. It's too bad Dad's size prevents him from getting behind the wheel once in a while, but the car was built to measure for Gary—and that's that.

Frank and Gary toiled many hours building the "hot-rod". It has a two-wheel drive, which with the steering gear mechanism and other parts were cut from scrap metal with hacksaws and files.

It is powered by a two and one-half horsepower gasoline motor taken from a garden plow.

Plans for the little vehicle were well thought-out by the father and son combination. It has a clutch pedal and brake controlled by either foot pedal or hand lever. Real lined brake bands are included in the equipment to insure safety in operation. In addition, there is a choke control as well as throttle control through a quadrant in the driver's seat. The body is of aluminum and even has a bucket seat.

So far, the father and son team has been so busy tinkering with the mechanical details of the little car they haven't got around to painting it — but plan to do so when Gary gets relief from driving his sisters, Antia Kay and Barbara, and brothers, Jeff and Brian—to say nothing of other envious kids in Norris—around town.

Morristown Fish Widely Distributed

Reports of the Game and Fish Commission reveal that the Morristown, Tenn., Fish Hatchery distributed some 148,592 fish during the past year. Of this number 106,808 were largemouth bass. Public waters of the state received 122,104 fish while private waters were stocked with 26,525 fish.

In addition 240,000 forage minnows were produced for the Commission's Hatchery at Springfield, also, 2,437,500 walleye fry were hatched out and stocked in Cherokee Lake. Other species of fish handled included trout for Tellico, Kokanee Salmon for Watauga Lake and Muskies for Dale Hollow Lake.



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ACADEMY PICKS UCC MAN

Dr. Eric R. Pette, director of the Union Carbide Corporation Research Institute, had the title of Fellow of the New York Academy of Sciences conferred on him at the annual academy meeting.

A careless man is just an accident going somewhere to happen.

